

This workbook contains the Calculations to estimate new RPGs for the 20% worst days for Caney Creek and Upper B  
2018 - all FIP controls required by 2018 (SO2 BART Flint Creek, NOx BART White Bluff, NOx BART Flint Creek, NOx R

Description of Methodology -

Description of worksheets -

uffalo accounting for controls under BART and RP in the proposed FIP

P controls Independence) as well as adjustment for additional emissions at AECC bailey and Lake Catherine based o

- 1) 2018 CENRAP CAMx PSAT results for Arkansas point sources for sulfate and nitrate at each Arkansas Class I area from CENRAP 2007.mdb are scaled by the ratios of (2018 CENRAP Arkansas point source emissions minus reduction due to FIP controls required) / 2018 CENRAP Arkansas point source emissions for SO<sub>2</sub> and NO<sub>x</sub>
- 2) Total extinction at each Arkansas Class I area from 2018 CENRAP CAMx modeling is adjusted to reflect the scaled value
- 3) Percent reduction in total extinction between scaled value and modeled 2018 CENRAP CAMx value is calculated
- 4) Calculated percentage reduction is applied to 2018 CENRAP CMAQ calculated extinction (CENRAP TSD)
- 5) Total extinction is converted to dv

2018 - Calculations for 2018 RPG based on scaling Arkansas sulfate and nitrate point source impacts from CAMx PSAt modeling due to controls in place in 2018

EPA CAMD - annual emission inventory data for sources with FIP controls. Data from EPA Air Markets Program data, available at [www.epa.gov/airmarkets](http://www.epa.gov/airmarkets)

DAYSofttheWK - Calculates the number of Mondays, weekdays, saturdays, and Sundays for each month needed to estimate annual EI data. See CENRAP TSD Section 2 for additional information

2002 CENRAP EI - Facility annual emissions estimated from daily emission values for Monday, Weekday, Sat, and Sun for each Summary Project\_Final Aug 2007.mdb

2018 CENRAP EI - Facility annual emissions estimated from daily emission values for Monday, Weekday, Sat, and Sun for each Summary Project\_Final Aug 2007.mdb

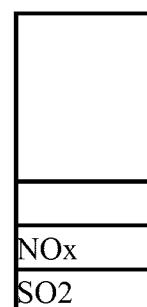
n recent actual emissions

down contributions from sulfate and nitrate

Facility	2002 CENRAP <sup>1</sup>		2018 CENRAP <sup>1</sup>	
	NOx (tpy)	SO2 (tpy)	NOx (tpy)	SO2 (tpy)
AECC - Carl E Bailey Generating Sta Total	149.36606	380.50435	0	0
DOMTAR INDUSTRIES INC- ASHDOWN MILL Total	3727.03275	2260.17015	3839.49543	2241.39995
Entergy Arkansas - Lake Catherine Total	1363.51007	4.10167	0	0
ENTERGY ARK-INDEPENDENCE Total	15593.03146	25014.7613	16121.40089	6786.1917
ENTERGY ARK-WHITE BLUFF Total	17055.5395	34787.11009	9242.0991	45969.6409
JOHN L MCCLELLAN GENERATING STATION Total	277.87033	451.17586	287.81265	0.11676
SWEPCO-FLINT CREEK POWER PLANT Total	5079.90054	11165.104	4334.51944	2896.1489
<i>Grand Total</i>	43246.25071	74062.92742	33825.32751	7893.49826

1Facility annual emissions calculated from daily emission values for Monday, Weekday, Sat, and Sun for each month

2Controlled emissions are calculated from BART/RP control emission level and average heat input. Domtar, Bailey,



3 source category emissions f

	2018 CENRAP extinction due to Arkansas point source from 2018 CENRAP PSAT <sup>4</sup>		Scaling Factor	2018 extinction due to Arkansas point source from 2018 CENRAP PSAT <sup>4</sup>
SourceName	CACR1	UPBU1		
SO4	3.07263	2.76009	0.98328	3.02127

<b>NOx</b>	0.24981	0.21195	0.88461	0.22099
Total	3.32245	2.97204		3.24226

4CENRAP-PSAT-Tool-ENVIRON-Aug27-2007.mdb

	2018 CENRAP CAMx modeled extinction (1/Mm)		2018 CENRAP CAMx impairment (dv)	
	CACR1	UPBU1	CACR1	UPBU1
visibility impairment	85.84	86.16	22.80748	22.52975
rayleigh scattering	12	9		

#### Estimated 2018 RPG Adjusting 2018 CENRAP CMAQ modeled RPG

	CACR1	UPBU1
2018 CENRAP CMAQ modeled RPG (dv)	22.48	22.52
2018 CENRAP CMAQ modeled RPG (extinction, 1/Mm)	94.68779	95.06730
Reduce 2018 CMAQ RPG extinction by same percentage as calculated above for CAMx model results	94.61019	94.99678
<b>Adjusted RPGs</b>	<b>22.47180</b>	<b>22.51258</b>

Delta dv from FIP controls (2018  
CMAQ Modeled and Scaled  
Impairment (dv))

0.00820	0.00742
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Delta dv from FIP controls (2018 CMAQ Modeled and Scaled Impairment (dv))	CACR1	UPBU1
0.00820	0.00742	

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2018 control level	average annual heat input 2009-2013 (excluding max and min)	BART/RP controlled emissions <sup>2</sup>		FIP emission reduction SO2 (tpy)
		NOx (tpy)	SO2 (tpy)	
SO2 and NOx 2009-2013 annual average excluding max and min		41.29833	10	-30.604
		3378.49543	840.39995	0
SO2 and NOx 2009-2013 annual average excluding max and min	2996659.86967	346.65617	0	-0.921
0.15 lb/MMBtu NOx	114605091.43867	8595.38186	3438.15274	0
0.15 lb/MMBtu NOx	110990081.876	8324.25614	3329.70246	0
SO2 and NOx 2009-2013 annual average excluding max and min		287.81265	75	-33.43191
0.06 lb/MMBtu SO2, 0.23 lb/MMBtu NOx	36071007.64967	4148.16588	1082.13023	1814.01867
		25122.06646	8775.38538	1779.66576

<sup>h</sup> from Pechan CENRAP EI Summary Project\_Final Aug 2007.mdb (see 2002 CENRAP EI, 2018 CENRAP EI and DAYSo and McClellan controlled emissions from facility BART analysis

2018 CENRAP Arkansas Point Source Emissions (tpy) <sup>3</sup>	FIP Emission reductions	Scaling factor
71,107	8,205	0.8846
106,461	1,780	0.9833

rom CENRAP-EI-SUMMARY-080107wv\_c6e.zip

2018 RPG

FIP Scaled 2018 extinction due to Arkansas point source	Reduction in Arkansas point source extinction	
UPBU1	CACR1	UPBU1
2.71395	0.05136	0.04614

0.18749	0.02883	0.02446
2.90145	0.08019	0.07060

Total Reduction in extinction due to FIP controls		Scaled 2018 CAMx modeled extinction (1/Mm)		Scaled impairment (dv)
CACR1	UPBU1	CACR1	UPBU1	CACR1
0.08019	0.07060	85.75981	86.08940	22.79928
		12	9	

Percent Reduction in total extinction from FIP controls (2018 CENRAP CAMx modeled and Scaled extinction)	
0.082%	0.074%

controls (2018 CAMx Modeled and Scaled)
0.00820

Estimated delta dv at natural background due to FIP

	CACR1	UPBU1
NC-II average Natural Conditions (dv)	7.619	7.534
Natural Conditions (1/Mm)	21.42343	21.24210
NC plus extinction from FIP controls (1/Mm)	21.50362	21.31270
NC plus extinction from FIP controls (dv)	7.65636	7.56718
Delta dv	0.03736	0.03318



IP emission reduction

NOx (tpy)

-41.29833
0
-399.693
7526.01903
917.84296
-25.60002
186.35356
8204.92254

ftheWK worksheets)

8 Scaled impairment (dv)

<b>UPBU1</b>
22.52232

**dv from FIP controls (2018  
Mx Modeled and Scaled  
Impairment (dv))**

0.00742
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<b><i>SO2 (tpy)</i></b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Carl Bailey</b>	1560.006	380.279	434.511	1193.956	220.403	149.074
<b>Flint Creek Power Plant</b>	14531.152	10961.213	9429.045	10098.571	8227.253	8526.449
<b>Independence</b>	23015.138	24613.833	22140.18	23588.239	22363.256	26172.297
<b>Lake Catherine</b>	5.032	4.067	1.754	0.572	0.736	0.088
<b>McClellan</b>	2369.913	440.674	1668.734	2089.962	461.214	441.11
<b>White Bluff</b>	36715.823	34151.42	39303.695	44497.997	34889.863	38122.068

<b><i>NOx (tpy)</i></b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Carl Bailey</b>	343.662	147.79	92.563	264.028	138.203	36.815
<b>Flint Creek Power Plant</b>	5940.657	5095.808	4755.575	4944.856	4627.796	5460.765
<b>Independence</b>	18559.994	16314.772	15743.107	15520.502	13171.061	14662.846
<b>Lake Catherine</b>	2060.917	1570.033	547.766	140.483	204.357	25.58
<b>McClellan</b>	545.167	278.436	312.515	444.042	205.248	159.97
<b>White Bluff</b>	19159.856	17704.706	19016.176	18206.888	16262.701	14155.37

<b><i>Heat input (MMBtu/yr)</i></b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Carl Bailey</b>	847752.27	206487.89	649595.69	216436.29	248079.86	305417.91
<b>Flint Creek Power Plant</b>	0116045.9	15334.175	4349825.488	17679.1	71749.225	415630.95
<b>Independence</b>	86861.125	14326.125	365745.55	63596.054	47210.057	705200.25
<b>Lake Catherine</b>	72257.825	555133.65	46215.525	08853.367	49652.698	91724.076
<b>McClellan</b>	58881.549	51265.005	60287.609	50587.827	49518.562	35991.138
<b>White Bluff</b>	61358.425	773662.65	3065625.7	79576.092	86109.633	63234.549

<b><i>SO2 Rate (lb/MMBtu)</i></b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Carl Bailey</b>	1.09561	0.63039	1.33779	1.07737	0.35319	0.97620
<b>Flint Creek Power Plant</b>	0.72446	0.57819	0.54900	0.52031	0.46257	0.45577
<b>Independence</b>	0.36163	0.41259	0.37410	0.39490	0.39882	0.43009
<b>Lake Catherine</b>	0.00060	0.00060	0.00060	0.00060	0.00060	0.00060

<b>McClellan</b>	1.41113	0.45168	1.54492	1.46634	0.55921	0.57437
<b>White Bluff</b>	0.65237	0.67778	0.69524	0.73020	0.65407	0.71414

<b>NOx rate (lb/MMBtu)</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Carl Bailey</b>	0.24136	0.24499	0.28499	0.23825	0.22146	0.24108
<b>Flint Creek Power Plant</b>	0.29617	0.26880	0.27689	0.25477	0.26020	0.29190
<b>Independence</b>	0.29162	0.27348	0.26601	0.25984	0.23489	0.24096
<b>Lake Catherine</b>	0.24575	0.23165	0.18739	0.14719	0.16685	0.17537
<b>McClellan</b>	0.32461	0.28539	0.28933	0.31154	0.24886	0.20830
<b>White Bluff</b>	0.34043	0.35138	0.33637	0.29877	0.30487	0.26517

#### **Lake Catherine**

<b>NOx (tpy)</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>unit 1</b>	108.031	43.499		0.387	4.409	
<b>unit 2</b>	125.252	53.1		0.075	2.173	
<b>unit 3</b>	103.433	52.364	7.649	0.05	1.858	
<b>unit 4</b>	1724.201	1421.07	540.117	139.971	195.917	25.58

#### **Lake Catherine**

<b>SO2 (tpy)</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>unit 1</b>	0.187	0.079		0.001	0.004	
<b>unit 2</b>	0.182	0.07		0	0.003	
<b>unit 3</b>	0.335	0.193	0.023	0	0.005	
<b>unit 4</b>	4.328	3.725	1.731	0.571	0.724	0.088

#### **Lake Catherine**

<b>HI (MMBtu/yr)</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>unit 1</b>	21638.325	63536.375		3076.6	11900.875	
<b>unit 2</b>	606500.45	32715.775		1028.65	8813.15	
<b>unit 3</b>	16149.425	43331.075	75960.55	647.1	15883.68	
<b>unit 4</b>	27969.625	15550.425	70254.975	04101.017	13054.993	91724.076

#### **Lake Catherine**

<b>SO2 rate (lb/MMBtu)</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
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<b>unit 1</b>	0.00060	0.00060	#DIV/0!	0.00065	0.00067	#DIV/0!
<b>unit 2</b>	0.00060	0.00060	#DIV/0!	0	0.00068	#DIV/0!
<b>unit 3</b>	0.00060	0.0006	0.00061	0	0.00063	#DIV/0!
<b>unit 4</b>	0.00060	0.00060	0.00060	0.00060	0.00060	0.00060

**Lake Catherine**

<i>NOx rate (lb/MMBtu)</i>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>unit 1</b>	0.34757	0.33012	#DIV/0!	0.25158	0.74095	#DIV/0!
<b>unit 2</b>	0.41303	0.45635	#DIV/0!	0.14582	0.49313	#DIV/0!
<b>unit 3</b>	0.18534	0.16279	0.20139	0.15454	0.23395	#DIV/0!
<b>unit 4</b>	0.23901	0.22892	0.18721	0.14702	0.16238	0.17537

								<b>2009-2013 average (excluding min and max)</b>
<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>		
5.459	2.074	44.905	46.428	36.394	0.18	10.513		30.604
8722.594	8501.698	6811.486	8506.178	8618.775	8409.396	6699.391		7909.02
29538.868	26448.23	27425.294	28674.644	30397.963	32973.75	28854.282		29308.963
0.124	0.355	0.425	0.541	0.454	2.216	1.768		0.921
433.467	378.96	395.428	55.206	24.603	14.212	20.837		33.54867
33515.241	37938.569	33831.8	28464.344	31684.363	31687.164	34196.256		32401.109

								<b>2009-2013 average (excluding min and max)</b>
<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>		
16.159	16.617	22.587	36.66	92.722	64.648	15.634		41.29833
5345.459	4919.11	3782.247	4879.983	5323.612	5455.769	4277.576		4827.057
17353.184	15123.051	14338.106	14618.656	13410.679	11066.772	10714.403		12938.519
89.304	119.088	191.427	152.372	149.156	938.223	855.28		399.693
235.764	254.114	165.513	316.42	413.142	331.633	292.185		313.41267
13899.686	16472.099	14523.365	15806.461	16012.686	14235.626	18046.844		15447.504

								<b>2009-2013 average (excluding min and max)</b>
<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>		
110986.65	187864.47	213572.96	432444.71	681341.89	599338.83	160257.15		415118.83333
81500.325	63054.017	12386.308	89221.879	41329.107	578106.92	745694.15		36071007.64967
07665.828	66628.431	815526.08	838142.02	45584.195	54164.041	75361.246		114605091.43867
412125.38	86846.753	15814.997	04235.538	14550.499	86910.013	93812.694		3070866.24367
02430.024	97924.437	36218.192	44251.289	02579.251	29814.919	40685.869		2471584.02567
64262.111	81711.907	59789.218	60640.859	49815.551	32720.244	56100.277		110990081.876

								<b>2009-2013 average (excluding min and max)</b>
<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>		
0.09837	0.02208	0.42051	0.21472	0.10683	0.00060	0.13120		0.15092
0.45571	0.46001	0.46956	0.46117	0.43265	0.42495	0.42207		0.43959
0.43791	0.44463	0.46556	0.48258	0.53590	0.58592	0.55237		0.52362
0.00060	0.00060	0.00060	0.00060	0.00060	0.00060	0.00060		0.00060

0.43294	0.30342	0.48334	0.04517	0.01821	0.01170	0.01640		0.02659
0.62201	0.65197	0.61986	0.50486	0.57063	0.59266	0.57253		0.57861

2007	2008	2009	2010	2011	2012	2013		
0.29119	0.17690	0.21152	0.16955	0.27217	0.21573	0.19511		
0.27927	0.26616	0.26073	0.26458	0.26724	0.27570	0.26949		
0.25726	0.25424	0.24340	0.24603	0.23642	0.19665	0.20511		
0.43338	0.20068	0.27041	0.16890	0.19696	0.25402	0.29023		
0.23548	0.20346	0.20231	0.25891	0.30574	0.27297	0.23000		
0.25796	0.28307	0.26609	0.28035	0.28839	0.26625	0.30215		

2007	2008	2009	2010	2011	2012	2013	2009-2013 average (excluding min and max)
	3.973		0.026	1.522			0.774
	0.568		1.456	0.609	1.542		1.20233
	1.259		0.345	1.876	9.137	48.831	15.04725
89.304	113.288	191.427	150.545	145.149	927.544	806.449	382.807

2007	2008	2009	2010	2011	2012	2013	2009-2013 average (excluding min and max)
	0.003		0	0.002			0.001
	0.001		0.001	0	0.001		0.00067
	0.003		0	0.002	0.011	0.061	0.0185
0.124	0.348	0.425	0.54	0.45	2.204	1.707	0.899

2007	2008	2009	2010	2011	2012	2013	2009-2013 average (excluding min and max)
10939.05		125.2	6822.737				3473.9685
3085.7		2703.75	1131.74	2863.214			2232.90133
11509.847		1431.536	7783.524	37914.437	02620.635		62437.533
412125.38	61312.156	15814.997	99975.052	98812.498	46132.362	91192.059	2996659.86967

2007	2008	2009	2010	2011	2012	2013		
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#DIV/0!	0.00055	#DIV/0!	0	0.00059	#DIV/0!	#DIV/0!		
#DIV/0!	0.00065	#DIV/0!	0.00074	0	0.00070	#DIV/0!		
#DIV/0!	0.00052	#DIV/0!	0	0.00051	0.00058	0.00060		
0.00060	0.00060	0.00060	0.0006	0.00060	0.00060	0.00060		

2007	2008	2009	2010	2011	2012	2013		
#DIV/0!	0.72639	#DIV/0!	0.41534	0.44616	#DIV/0!	#DIV/0!		
#DIV/0!	0.36815	#DIV/0!	1.07702	1.07622	1.07711	#DIV/0!		
#DIV/0!	0.21877	#DIV/0!	0.48200	0.48204	0.48198	0.48199		
0.43338	0.19510	0.27041	0.16727	0.19369	0.25253	0.28340		

DATE	DAY_OF_WK	#ofday type per month
01/04/2002	Friday	1Friday 4
01/05/2002	Saturday	1Saturday 4
01/06/2002	Sunday	1Sunday 6
01/07/2002	Weekday	1Weekday 17
02/02/2002	Saturday	2Saturday 4
02/03/2002	Sunday	2Sunday 4
02/04/2002	Monday	2Monday 4
02/05/2002	Weekday	2Weekday 16
03/02/2002	Saturday	3Saturday 4
03/03/2002	Sunday	3Sunday 7
03/04/2002	Monday	3Monday 4
03/05/2002	Weekday	3Weekday 16
04/02/2002	Weekday	4Weekday 17
04/06/2002	Saturday	4Saturday 4
04/07/2002	Sunday	4Sunday 4
04/08/2002	Monday	4Monday 5
05/04/2002	Saturday	5Saturday 4
05/05/2002	Sunday	5Sunday 6
05/06/2002	Monday	5Monday 3
05/07/2002	Weekday	5Weekday 18
06/03/2002	Monday	6Monday 4
06/04/2002	Weekday	6Weekday 16
06/08/2002	Saturday	6Saturday 5
06/09/2002	Sunday	6Sunday 5
07/03/2002	Weekday	7Weekday 16
07/06/2002	Saturday	7Saturday 4
07/07/2002	Sunday	7Sunday 6
07/08/2002	Monday	7Monday 5
08/03/2002	Saturday	8Saturday 5
08/04/2002	Sunday	8Sunday 4
08/05/2002	Monday	8Monday 4
08/06/2002	Weekday	8Weekday 18
09/07/2002	Saturday	9Saturday 4
09/08/2002	Sunday	9Sunday 7
09/09/2002	Monday	9Monday 4
09/10/2002	Weekday	9Weekday 15
10/05/2002	Saturday	10Saturday 4
10/06/2002	Sunday	10Sunday 4
10/07/2002	Monday	10Monday 4
10/08/2002	Weekday	10Weekday 19
11/02/2002	Saturday	11Saturday 4
11/03/2002	Sunday	11Sunday 7
11/04/2002	Monday	11Monday 4
11/05/2002	Weekday	11Weekday 15

12/07/2002	Saturday	12Saturday	4
12/08/2002	Sunday	12Sunday	8
12/09/2002	Monday	12Monday	5
12/10/2002	Weekday	12Weekda	14















DATE	DAY_OF_WK		note
1/1/2002	Tuesday	Sunday	1Sunday
1/2/2002	Wednesday	sunday	1sunday
1/3/2002	Thursday	Weekday	1Weekday
1/4/2002	Friday	Friday	1Friday
1/5/2002	Saturday	Saturday	1Saturday
1/6/2002	Sunday	Sunday	1Sunday
1/7/2002	Monday	Weekday	1Weekday
1/8/2002	Tuesday	Weekday	1Weekday
1/9/2002	Wednesday	Weekday	1Weekday
1/10/2002	Thursday	Weekday	1Weekday
1/11/2002	Friday	Friday	1Friday
1/12/2002	Saturday	Saturday	1Saturday
1/13/2002	Sunday	Sunday	1Sunday
1/14/2002	Monday	Weekday	1Weekday
1/15/2002	Tuesday	Weekday	1Weekday
1/16/2002	Wednesday	Weekday	1Weekday
1/17/2002	Thursday	Weekday	1Weekday
1/18/2002	Friday	Friday	1Friday
1/19/2002	Saturday	Saturday	1Saturday
1/20/2002	Sunday	Sunday	1Sunday
1/21/2002	Monday	Weekday	1Weekday
1/22/2002	Tuesday	Weekday	1Weekday
1/23/2002	Wednesday	Weekday	1Weekday
1/24/2002	Thursday	Weekday	1Weekday
1/25/2002	Friday	Friday	1Friday
1/26/2002	Saturday	Saturday	1Saturday
1/27/2002	Sunday	Sunday	1Sunday
1/28/2002	Monday	Weekday	1Weekday
1/29/2002	Tuesday	Weekday	1Weekday
1/30/2002	Wednesday	Weekday	1Weekday
1/31/2002	Thursday	Weekday	1Weekday
2/1/2002	Friday	Weekday	2Weekday
2/2/2002	Saturday	Saturday	2Saturday
2/3/2002	Sunday	Sunday	2Sunday
2/4/2002	Monday	Monday	2Monday
2/5/2002	Tuesday	Weekday	2Weekday
2/6/2002	Wednesday	Weekday	2Weekday
2/7/2002	Thursday	Weekday	2Weekday
2/8/2002	Friday	Weekday	2Weekday
2/9/2002	Saturday	Saturday	2Saturday
2/10/2002	Sunday	Sunday	2Sunday
2/11/2002	Monday	Monday	2Monday
2/12/2002	Tuesday	Weekday	2Weekday
2/13/2002	Wednesday	Weekday	2Weekday

2/14/2002	Thursday	Weekday	2Weekday
2/15/2002	Friday	Weekday	2Weekday
2/16/2002	Saturday	Saturday	2Saturday
2/17/2002	Sunday	Sunday	2Sunday
2/18/2002	Monday	Monday	2Monday
2/19/2002	Tuesday	Weekday	2Weekday
2/20/2002	Wednesday	Weekday	2Weekday
2/21/2002	Thursday	Weekday	2Weekday
2/22/2002	Friday	Weekday	2Weekday
2/23/2002	Saturday	Saturday	2Saturday
2/24/2002	Sunday	Sunday	2Sunday
2/25/2002	Monday	Monday	2Monday
2/26/2002	Tuesday	Weekday	2Weekday
2/27/2002	Wednesday	Weekday	2Weekday
2/28/2002	Thursday	Weekday	2Weekday
3/1/2002	Friday	Weekday	3Weekday
3/2/2002	Saturday	Saturday	3Saturday
3/3/2002	Sunday	Sunday	3Sunday
3/4/2002	Monday	Monday	3Monday
3/5/2002	Tuesday	Weekday	3Weekday
3/6/2002	Wednesday	Weekday	3Weekday
3/7/2002	Thursday	Weekday	3Weekday
3/8/2002	Friday	Weekday	3Weekday
3/9/2002	Saturday	Saturday	3Saturday
3/10/2002	Sunday	Sunday	3Sunday
3/11/2002	Monday	Monday	3Monday
3/12/2002	Tuesday	Weekday	3Weekday
3/13/2002	Wednesday	Weekday	3Weekday
3/14/2002	Thursday	Weekday	3Weekday
3/15/2002	Friday	Weekday	3Weekday
3/16/2002	Saturday	Saturday	3Saturday
3/17/2002	Sunday	Sunday	3Sunday
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3/19/2002	Tuesday	Weekday	3Weekday
3/20/2002	Wednesday	Weekday	3Weekday
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3/22/2002	Friday	Weekday	3Weekday
3/23/2002	Saturday	Saturday	3Saturday
3/24/2002	Sunday	Sunday	3Sunday
3/25/2002	Monday	Monday	3Monday
3/26/2002	Tuesday	Weekday	3Weekday
3/27/2002	Wednesday	Weekday	3Weekday
3/28/2002	Thursday	Weekday	3Weekday
3/29/2002	Friday	sunday	3sunday
3/30/2002	Saturday	sunday	3sunday
			holiday/Sunday
			holiday/Sunday

3/31/2002	Sunday	Sunday	3Sunday
4/1/2002	Monday	Monday	4Monday
4/2/2002	Tuesday	Weekday	4Weekday
4/3/2002	Wednesday	Weekday	4Weekday
4/4/2002	Thursday	Weekday	4Weekday
4/5/2002	Friday	Weekday	4Weekday
4/6/2002	Saturday	Saturday	4Saturday
4/7/2002	Sunday	Sunday	4Sunday
4/8/2002	Monday	Monday	4Monday
4/9/2002	Tuesday	Weekday	4Weekday
4/10/2002	Wednesday	Weekday	4Weekday
4/11/2002	Thursday	Weekday	4Weekday
4/12/2002	Friday	Weekday	4Weekday
4/13/2002	Saturday	Saturday	4Saturday
4/14/2002	Sunday	Sunday	4Sunday
4/15/2002	Monday	Monday	4Monday
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4/30/2002	Tuesday	Weekday	4Weekday
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5/2/2002	Thursday	Weekday	5Weekday
5/3/2002	Friday	Weekday	5Weekday
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5/10/2002	Friday	Weekday	5Weekday
5/11/2002	Saturday	Saturday	5Saturday
5/12/2002	Sunday	Sunday	5Sunday
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5/14/2002	Tuesday	Weekday	5Weekday

5/15/2002 Wednesday	Weekday	5Weekday	
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5/17/2002 Friday	Weekday	5Weekday	
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5/24/2002 Friday	Weekday	5Weekday	
5/25/2002 Saturday	Saturday	5Saturday	
5/26/2002 Sunday	Sunday	5Sunday	
5/27/2002 Monday	sunday	5sunday	holiday/Sunday
5/28/2002 Tuesday	sunday	5sunday	holiday/Sunday
5/29/2002 Wednesday	Weekday	5Weekday	
5/30/2002 Thursday	Weekday	5Weekday	
5/31/2002 Friday	Weekday	5Weekday	
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6/3/2002 Monday	Monday	6Monday	
6/4/2002 Tuesday	Weekday	6Weekday	
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6/7/2002 Friday	Weekday	6Weekday	
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6/26/2002 Wednesday	Weekday	6Weekday	
6/27/2002 Thursday	Weekday	6Weekday	
6/28/2002 Friday	Weekday	6Weekday	

6/29/2002	Saturday	Saturday	6Saturday
6/30/2002	Sunday	Sunday	6Sunday
7/1/2002	Monday	Monday	7Monday
7/2/2002	Tuesday	Weekday	7Weekday
7/3/2002	Wednesday	Weekday	7Weekday
7/4/2002	Thursday	sunday	7sunday
7/5/2002	Friday	sunday	7sunday
7/6/2002	Saturday	Saturday	7Saturday
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7/8/2002	Monday	Monday	7Monday
7/9/2002	Tuesday	Weekday	7Weekday
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8/10/2002	Saturday	Saturday	8Saturday
8/11/2002	Sunday	Sunday	8Sunday
8/12/2002	Monday	Monday	8Monday

8/13/2002	Tuesday	Weekday	8Weekday
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8/25/2002	Sunday	Sunday	8Sunday
8/26/2002	Monday	Monday	8Monday
8/27/2002	Tuesday	Weekday	8Weekday
8/28/2002	Wednesday	Weekday	8Weekday
8/29/2002	Thursday	Weekday	8Weekday
8/30/2002	Friday	Weekday	8Weekday
8/31/2002	Saturday	Saturday	8Saturday
9/1/2002	Sunday	Sunday	9Sunday
9/2/2002	Monday	sunday	9sunday
9/3/2002	Tuesday	sunday	9sunday
9/4/2002	Wednesday	Weekday	9Weekday
9/5/2002	Thursday	Weekday	9Weekday
9/6/2002	Friday	Weekday	9Weekday
9/7/2002	Saturday	Saturday	9Saturday
9/8/2002	Sunday	Sunday	9Sunday
9/9/2002	Monday	Monday	9Monday
9/10/2002	Tuesday	Weekday	9Weekday
9/11/2002	Wednesday	Weekday	9Weekday
9/12/2002	Thursday	Weekday	9Weekday
9/13/2002	Friday	Weekday	9Weekday
9/14/2002	Saturday	Saturday	9Saturday
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9/16/2002	Monday	Monday	9Monday
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9/24/2002	Tuesday	Weekday	9Weekday
9/25/2002	Wednesday	Weekday	9Weekday
9/26/2002	Thursday	Weekday	9Weekday

9/27/2002	Friday	Weekday	9Weekday
9/28/2002	Saturday	Saturday	9Saturday
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9/30/2002	Monday	Monday	9Monday
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10/2/2002	Wednesday	Weekday	10Weekday
10/3/2002	Thursday	Weekday	10Weekday
10/4/2002	Friday	Weekday	10Weekday
10/5/2002	Saturday	Saturday	10Saturday
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10/7/2002	Monday	Monday	10Monday
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10/30/2002	Wednesday	Weekday	10Weekday
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11/1/2002	Friday	Weekday	11Weekday
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11/3/2002	Sunday	Sunday	11Sunday
11/4/2002	Monday	Monday	11Monday
11/5/2002	Tuesday	Weekday	11Weekday
11/6/2002	Wednesday	Weekday	11Weekday
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11/8/2002	Friday	Weekday	11Weekday
11/9/2002	Saturday	Saturday	11Saturday
11/10/2002	Sunday	Sunday	11Sunday

11/11/2002	Monday	Monday	11Monday
11/12/2002	Tuesday	Weekday	11Weekday
11/13/2002	Wednesday	Weekday	11Weekday
11/14/2002	Thursday	Weekday	11Weekday
11/15/2002	Friday	Weekday	11Weekday
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11/18/2002	Monday	Monday	11Monday
11/19/2002	Tuesday	Weekday	11Weekday
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11/21/2002	Thursday	Weekday	11Weekday
11/22/2002	Friday	Weekday	11Weekday
11/23/2002	Saturday	Saturday	11Saturday
11/24/2002	Sunday	Sunday	11Sunday
11/25/2002	Monday	Monday	11Monday
11/26/2002	Tuesday	Weekday	11Weekday
11/27/2002	Wednesday	Weekday	11Weekday
11/28/2002	Thursday	sunday	11sunday holiday/Sunday
11/29/2002	Friday	sunday	11sunday holiday/Sunday
11/30/2002	Saturday	sunday	11sunday holiday/Sunday
12/1/2002	Sunday	Sunday	12Sunday
12/2/2002	Monday	Monday	12Monday
12/3/2002	Tuesday	Weekday	12Weekday
12/4/2002	Wednesday	Weekday	12Weekday
12/5/2002	Thursday	Weekday	12Weekday
12/6/2002	Friday	Weekday	12Weekday
12/7/2002	Saturday	Saturday	12Saturday
12/8/2002	Sunday	Sunday	12Sunday
12/9/2002	Monday	Monday	12Monday
12/10/2002	Tuesday	Weekday	12Weekday
12/11/2002	Wednesday	Weekday	12Weekday
12/12/2002	Thursday	Weekday	12Weekday
12/13/2002	Friday	Weekday	12Weekday
12/14/2002	Saturday	Saturday	12Saturday
12/15/2002	Sunday	Sunday	12Sunday
12/16/2002	Monday	Monday	12Monday
12/17/2002	Tuesday	Weekday	12Weekday
12/18/2002	Wednesday	Weekday	12Weekday
12/19/2002	Thursday	Weekday	12Weekday
12/20/2002	Friday	Weekday	12Weekday
12/21/2002	Saturday	Saturday	12Saturday
12/22/2002	Sunday	Sunday	12Sunday
12/23/2002	Monday	Monday	12Monday
12/24/2002	Tuesday	sunday	12sunday holiday/Sunday
12/25/2002	Wednesday	sunday	12sunday holiday/Sunday

12/26/2002 Thursday	sunday	12sunday	holiday/Sunday
12/27/2002 Friday	Weekday	12Weekday	
12/28/2002 Saturday	Saturday	12Saturday	
12/29/2002 Sunday	Sunday	12Sunday	
12/30/2002 Monday	Monday	12Monday	
12/31/2002 Tuesday	Weekday	12Weekday	

DATE			FIPSST	FIPSCNTY	STATE	PLANT_ID

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PLT_NAME	CO_18_TPD	NOX_18_TPD	O2_18_TP	OC_18_TP	I25_18_TF	I10_18_TF	EC_18_TPI
<b>DOMTAR INDUSTRIES INC-ASHDOWN MILL Total</b>							
<b>ENTERGY ARK-INDEPENDENCE Total</b>							

**ENTERGY ARK-WHITE**

**BLUFF Total**

<b>JOHN L MCCLELLAN GENERATING STATION Total</b>							
--	--	--	--	--	--	--	--

**SWEPCO-FLINT CREEK**

**POWER PLANT Total**

**Grand Total**

H3_18_TP	NOx	SO2
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3839.49543241.39995

16121.40089786.19175

9242.09915969.6409

287.81265 0.11676

4334.519442896.1489

33825.32751893.49826

DATE		FIPSST	FIPSCNTY	STATE	PLANT_ID	PLT_NAME
						<b>AECC - Carl E Bailey Generating Sta Total</b>
						<b>DOMTAR INDUSTRIES INC- ASHDOWN MILL Total</b>
						<b>Entergy Arkansas - Lake Catherine Total</b>
						<b>ENTERGY ARK- INDEPENDENCE Total</b>
						<b>ENTERGY ARK-WHITE BLUFF Total</b>
						<b>JOHN L MCCLELLAN GENERATING STATION Total</b>
						<b>SWEPCO-FLINT CREEK POWER PLANT Total</b>
						<b>Grand Total</b>

CO_02_TPD	NOX_02_TPD	SO2_02_TPD	VOC_02_TPD	PM25_02_TPD	PM10_02_TPD	NH3_02_TPD

NOx	SO2
-----	-----

149.36606380.50435

727.03275260.17015

363.51007 4.10167

593.031465014.7613

7055.5395787.11009

277.87033451.17586

079.9005411165.104

246.25071062.92742